

Patent Abstracts of Japan

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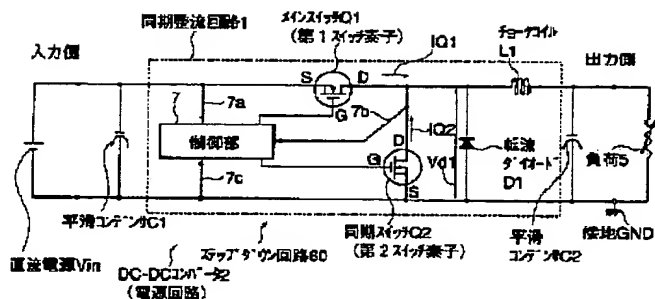
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TITLE : POWER CIRCUIT AND CONTROL METHOD FOR POWER CIRCUIT



ABSTRACT : PROBLEM TO BE SOLVED: To provide a small-sized, inexpensive power circuit excellent in circuit efficiency, and a control method for the power circuit.

SOLUTION: A control section 7 detects a current value using an on resistor of a first switching element Q1 when the first switching element Q1 is on, and detects a current value using an on resistor of a second switching element Q2 when the second switching element Q2 is on. The control section 7 judges whether a load is heavy or light based on these current values. With overcurrent when a load 5 is heavy, the control section 7 turns off the first switching element Q1. If the load 5 is light, the control section 7 synchronizes and turns off the second switching element Q2.

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